

~~SECRET~~

Approved For Release 2000/08/26 : CIA-RDP62-00328A000100360002-5

Office Memorandum • UNITED STATES GOVERNMENT
25X1A9a

TO :

DATE: 8 October 1956

FROM :

SUBJECT: Soviet Inquiry for West German Sheet Steel Testing Device:
(Detachment 6, 7056th AI SERON IR-195-56, March 1956, SECRET.)

1. Commerce, in a memorandum to EDIC of 17 September, had drawn attention to the delay in distribution of the subject report, which had also been transmitted by Embassy Bonn in Despatch 2437 of 4 June 1956. The report bears no date other than the collection date of 5 March and does not indicate which Washington agencies were included in DI/USAF distribution.

2. OCR received the report on 3 May, after which it was passed to E/C by the ORR Panel. E/ST was not included in the routing.

3. According to OCR recprds, the Bonn despatch was not received.

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Attachment:

USAF Det 6, 7056th AISS IR-195-56

USAF Declass/Release Instructions On File~~SECRET~~

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Attachment:

USAF Det 6, 7056th AISS IR-195-56

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Det 8, 7056TH Air INTERCON
7050TH Air INTERWO (USAFc)

PREPARING INDIVIDUAL
GERALD B SMITH, CAPT USAF

NAME	DESCRIPTION	DATE	INITIALS
SEE PAR II			

REFERENCES (With Subject, previous reports etc. as applicable)

BAIR 21

SUBJECT (Descriptive title. Use individual address letters and numbers)

SUPERSONIC SHEET STEEL TESTING DEVICE TO BE EXPORTED TO USSR AND JAPANESE FIRMS

SUMMARY Give summary which highlights the salient factors of narrative report. Begin narrative text on AF Form 112 unless report can be fully stated on AF Form 1-2. List enclosures, including number of copies.

1. IR deals with method of approach to West German producer of supersonic material testing devices, names West EKKLIN contact firm, and describes working principle and structural data of aforementioned device.

Source of information contained in this report is a key employee of DR. L. FELD & CO. GMBH, 150 SINDIGSTR., REGENSBURG, BAROSTR. 108, GERMANY, producer of supersonic material testing devices, who does not wish to be further identified. Verbal information was volunteered to an employee of this detachment at a social gathering, charts are copied from originals by the latter during a separate meeting with J.

III. SUPER-CRITICAL DRYING SHEET - WET LAMINATING PRESSURE TO BE REPORTED -

(According to a letter, which was received by the U.S.A.C. at this Det.,
the above-named DR & PC DOCTOR HENDRICH SEBEL SCHAF YEH (Products Re-
sales Company Ltd) P O BLEITHEUSTR. BERLIN-N 15 (West Berlin) requested
aforementioned producer of supersonic testing equip to furnish structural
and working data, export prices (to USSR and European States), etc,
earliest possible date of delivery for supersonic deep-drawing ana-
steel testing device of type recently installed in a major West German
automobile plant, Daimler-Benz AG, which indicated that an unidentified USSR gov-

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*RIGET J. BERNARD
Colonel, USAF
a. Alexander

✓ Alexander

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and file indicate Dupl. files and copies

1 148

RESEARCH

1 American Embassy (200) (SPD)

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FORM 112 REPLACES AF FORM 112

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SECRET
CLASSIFICATION
6-1210

3/5/56

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CLASSIFICATION)

SUPPLEMENT TO AF FORM 112

Det 6758T Air INTERCOM (SAFE) (R-125-50)

[illegible]

14-15, left-hand device driving top and side views, Pts 1 and 2, sheet steel, up to 2 in wide and between .001 and .002 in gage, has six overriding stationary roller governors, Pts 2 and 16, which are located at both sides of device. These are transported by an electric driving motor, Pt 3, which moves two pairs of driving rollers, Pts 4 and 15, before each emitter moves over air. Pts 4 and 15, 1500 set of two governors each, Pts 5 and 10, which enable user of device to select test conditions, which have already been cut to shape. As each roller of each lever of governor drops below surface level of the test object, it is passing over edge or stamped-out hole) it causes a relay to snap, which in turn causes the respective amplifier-receiver pair from object, which amplifier of lever announces approach of surface object, emitter receiver pair of lever announces departure of surface object, emitter receiver pair of lever announces change of surface object, and so on.

16-17, 18-19, 20-21, 22-23, 24-25, 26-27, 28-29, 30-31, 32-33, 34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-49, 50-51, 52-53, 54-55, 56-57, 58-59, 60-61, 62-63, 64-65, 66-67, 68-69, 70-71, 72-73, 74-75, 76-77, 78-79, 80-81, 82-83, 84-85, 86-87, 88-89, 90-91, 92-93, 94-95, 96-97, 98-99, 100-101, 102-103, 104-105, 106-107, 108-109, 110-111, 112-113, 114-115, 116-117, 118-119, 120-121, 122-123, 124-125, 126-127, 128-129, 130-131, 132-133, 134-135, 136-137, 138-139, 140-141, 142-143, 144-145, 146-147, 148-149, 150-151, 152-153, 154-155, 156-157, 158-159, 160-161, 162-163, 164-165, 166-167, 168-169, 170-171, 172-173, 174-175, 176-177, 178-179, 180-181, 182-183, 184-185, 186-187, 188-189, 190-191, 192-193, 194-195, 196-197, 198-199, 200-201, 202-203, 204-205, 206-207, 208-209, 210-211, 212-213, 214-215, 216-217, 218-219, 220-221, 222-223, 224-225, 226-227, 228-229, 230-231, 232-233, 234-235, 236-237, 238-239, 240-241, 242-243, 244-245, 246-247, 248-249, 250-251, 252-253, 254-255, 256-257, 258-259, 260-261, 262-263, 264-265, 266-267, 268-269, 270-271, 272-273, 274-275, 276-277, 278-279, 280-281, 282-283, 284-285, 286-287, 288-289, 290-291, 292-293, 294-295, 296-297, 298-299, 300-301, 302-303, 304-305, 306-307, 308-309, 310-311, 312-313, 314-315, 316-317, 318-319, 320-321, 322-323, 324-325, 326-327, 328-329, 330-331, 332-333, 334-335, 336-337, 338-339, 340-341, 342-343, 344-345, 346-347, 348-349, 350-351, 352-353, 354-355, 356-357, 358-359, 360-361, 362-363, 364-365, 366-367, 368-369, 370-371, 372-373, 374-375, 376-377, 378-379, 380-381, 382-383, 384-385, 386-387, 388-389, 390-391, 392-393, 394-395, 396-397, 398-399, 400-401, 402-403, 404-405, 406-407, 408-409, 410-411, 412-413, 414-415, 416-417, 418-419, 420-421, 422-423, 424-425, 426-427, 428-429, 430-431, 432-433, 434-435, 436-437, 438-439, 440-441, 442-443, 444-445, 446-447, 448-449, 450-451, 452-453, 454-455, 456-457, 458-459, 460-461, 462-463, 464-465, 466-467, 468-469, 470-471, 472-473, 474-475, 476-477, 478-479, 480-481, 482-483, 484-485, 486-487, 488-489, 490-491, 492-493, 494-495, 496-497, 498-499, 500-501, 502-503, 504-505, 506-507, 508-509, 510-511, 512-513, 514-515, 516-517, 518-519, 520-521, 522-523, 524-525, 526-527, 528-529, 530-531, 532-533, 534-535, 536-537, 538-539, 540-541, 542-543, 544-545, 546-547, 548-549, 550-551, 552-553, 554-555, 556-557, 558-559, 560-561, 562-563, 564-565, 566-567, 568-569, 570-571, 572-573, 574-575, 576-577, 578-579, 580-581, 582-583, 584-585, 586-587, 588-589, 590-591, 592-593, 594-595, 596-597, 598-599, 600-601, 602-603, 604-605, 606-607, 608-609, 610-611, 612-613, 614-615, 616-617, 618-619, 620-621, 622-623, 624-625, 626-627, 628-629, 630-631, 632-633, 634-635, 636-637, 638-639, 640-641, 642-643, 644-645, 646-647, 648-649, 650-651, 652-653, 654-655, 656-657, 658-659, 660-661, 662-663, 664-665, 666-667, 668-669, 670-671, 672-673, 674-675, 676-677, 678-679, 680-681, 682-683, 684-685, 686-687, 688-689, 690-691, 692-693, 694-695, 696-697, 698-699, 700-701, 702-703, 704-705, 706-707, 708-709, 710-711, 712-713, 714-715, 716-717, 718-719, 720-721, 722-723, 724-725, 726-727, 728-729, 730-731, 732-733, 734-735, 736-737, 738-739, 740-741, 742-743, 744-745, 746-747, 748-749, 750-751, 752-753, 754-755, 756-757, 758-759, 760-761, 762-763, 764-765, 766-767, 768-769, 770-771, 772-773, 774-775, 776-777, 778-779, 780-781, 782-783, 784-785, 786-787, 788-789, 790-791, 792-793, 794-795, 796-797, 798-799, 800-801, 802-803, 804-805, 806-807, 808-809, 810-811, 812-813, 814-815, 816-817, 818-819, 820-821, 822-823, 824-825, 826-827, 828-829, 830-831, 832-833, 834-835, 836-837, 838-839, 840-841, 842-843, 844-845, 846-847, 848-849, 850-851, 852-853, 854-855, 856-857, 858-859, 860-861, 862-863, 864-865, 866-867, 868-869, 870-871, 872-873, 874-875, 876-877, 878-879, 880-881, 882-883, 884-885, 886-887, 888-889, 89

11LT USAF
GERALD R SMITH
Capt, USAF
Detachment Commander
Det 6, 100th Air Refueling

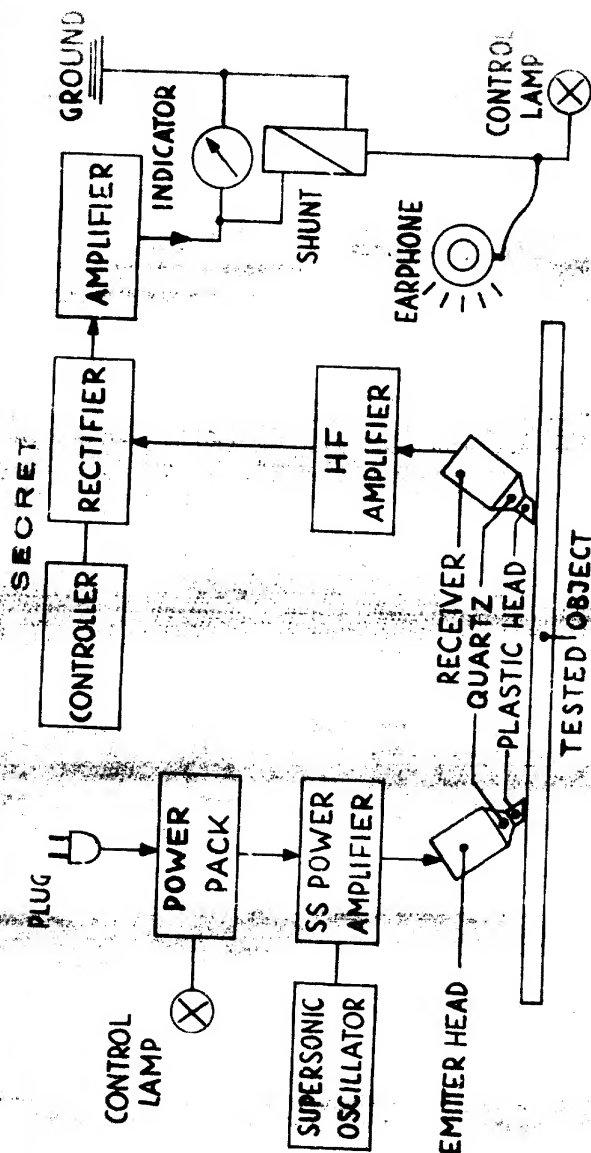
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SECRET 6-12/10

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SCHEME CHART OF SUPERSONIC
SHEET-METAL TESTING DEVICE

FIGURE # 1, IR # 195-56.

SECRET PAGE 3 OF 4 PAGES.

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